

## Supplemental Information

### Attack Operations Decision Aid (AODA) Project Objectives and Goals

These project goals and objectives are written from the perspective of undertaking an R&D project that will yield a software tool that will be ready to transition to use as an operational prototype.

**Project/Contract Goals:** To acquire an expert software application to rapidly identify the appropriate air or surface based weapon system to attack a particular time critical target. Time critical targets include transportable erector launchers (TELs) and transportable erector launchers and radars (TELARs), for which the required attack response time is measured in minutes. The Attack Operations Decision Aid (AODA) application shall be capable of rapidly identifying the right weapons assets to attack these targets through assessment of weapons capability. The AODA application shall provide a capability that:

- Complies with Defense Information Infrastructure (DII) Common Operating Environment (COE) standards and architectures
- Utilizes existing and planned GCCS/DII COE capabilities
- Applies new technologies to aid in attack planning and execution tasks
- Complies with the Theater Battle Management Core Systems (TBMCS) Software Developer's Kit (SDK)
- Is capable of being integrated with C2 Theater Air Control System (TACS) nodes and TBMCS 3.0 and Global Command & Control System (GCCS)
- Presents a seamless and integrated attack planning capability to the user across multiple TACS nodes

**Objectives:** The immediate contract objective is to award contract(s) to:

- Design, develop, implement, integrate, test and deliver two incremental deliveries of evolutionary operational prototypes of the AODA application
  - ⇒ Facilitate a user's evaluation of each prototype, collect feedback, and recommend a prioritized list of improvements. Based on Government approval, implement the improvements
  - ⇒ Demonstrate the AODA prototype at a Government identified demonstration/exercise (3<sup>rd</sup> Qtr FY99). Integrate AODA into the selected C2 TACS node/simulation environment, train personnel in its use, and support operator evaluation and assessment while AODA is being used to support the demonstration/exercise
  - ⇒ Demonstrate DII COE level 5 compliance (specific DII release version is to be identified)
- Participate in the following working groups:
  - ⇒ Technical Interchange Meetings (TIMs) - Meet with selected TACS node program office personnel and/or contractors to work interface, architectural, or implementation issues
  - ⇒ AODA Working Group (AODAWG) - Overall working group to review and approve decisions concerning the AODA program
- The system shall contain no proprietary software/hardware

**Anticipated Data Requirements:**

## **Supplemental Information**

### **Attack Operations Decision Aid (AODA) Project Objectives and Goals**

- R&D Report
- Program Management Plan (Cost, Staffing, and Schedule)
- Software Documentation
- Monthly Status Reports